

**Table S1.** Effects of saline-alkaline stress on the concentrations of various ions in nutrient solution.

	Fe (mM)	Zn ( $\mu$ M)	Mg(mM)	Mn ( $\mu$ M)	Cu ( $\mu$ M)	Ca (mM)
Control	0.13	0.15	1.64	9.45	0.15	0.73
Saline-alkaline	0.06	0.05	1.57	7.70	0.11	0.64